ECG - MI Novacode Serial Comparison

Data File: ecg_mi_nova_ct_pub   **File Date:** 09/21/2007   **Structure:** Multiple rows per participant   **Population:** CT participants

Participant ID

Variable # 1	**Usage Notes:** none
Sas Name: ID	
Sas Label: Participant ID	**Categories:** Study: Administration

Baseline ECG days since randomization

Variable # 2	**Usage Notes:** none
Sas Name: ECGBASEDAYS	
Sas Label: Baseline ECG days since randomization	**Categories:** Clinical Tests: ECG

N	Min	Max	Mean	Std Dev
117596	-1114	129	-36.35682	29.79974

Baseline ECG MI novacode

Variable # 3	**Usage Notes:** Use for comparison with a follow-up ECG Novacode.
Sas Name: ECGBASENOVA	
Sas Label: Baseline ECG MI novacode	**Categories:** Clinical Tests: ECG

Values		N	%
5.0	No significant Q waves and no significant ST-T abnormalities	82,011	69.7%
5.1	Q wave MI with major Q waves	215	0.2%
5.2	Q wave MI with moderate Q waves and with ST-T abnormalities	138	0.1%
5.3	Possible Q wave MI w/moderate Q waves w/o ST-T abnormalities	905	0.8%
5.4	Possible Q wave MI w/minor Q waves with ST-T abnormalities	607	0.5%
5.5	Profound ST-T abnormalities without Q waves	2,087	1.8%
5.6	Significant ST-T abnormalities without Q waves	1,690	1.4%
5.6.1	STD or TN score >= 20 in any lead group	0	0.0%
5.6.2	Q score < 15 in all lead groups	0	0.0%
5.7	Minor Q waves without ST-T abnormalities	10,342	8.8%
5.8	Minor ST-T abnormalities	19,601	16.7%
		117,596	

Follow-up ECG days since randomization

Variable # 4	**Usage Notes:** none
Sas Name: ECGFUDAYS	
Sas Label: Follow-up ECG days since randomization	**Categories:** Clinical Tests: ECG

N	Min	Max	Mean	Std Dev
117596	350	3861	1788.0996	710.85978

WHI Baseline and Follow-Up Data

ECG - MI Novacode Serial Comparison

Data File: ecg_mi_nova_ct_pub   **File Date:** 09/21/2007   **Structure:** Multiple rows per participant   **Population:** CT participants

Follow-up ECG visit type

Variable #	5	
Sas Name:	ECGFUVTYP	
Sas Label:	Follow-up ECG visit type	

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
1	Screening	0	0.0%
2	Semi-annual	607	0.5%
3	Annual	116,342	98.9%
4	Non-routine	50	0.0%
.	Missing	597	0.5%
		117,596	

Follow-up ECG visit year

Variable #	6	
Sas Name:	ECGFUVY	
Sas Label:	Follow-up ECG visit year	

Usage Notes: none

Categories: Clinical Tests: ECG

N	Min	Max	Mean	Std Dev
116949	1	11	4.87516	1.94976

Closest to visit (follow-up ECG)

For forms entered with the same visit type and year, indicates the one closest to that visit's target date. Valid for forms entered with an annual or semi-annual visit type.

Variable #	7	
Sas Name:	ECGVCLO	
Sas Label:	Closest to visit (follow-up ECG)	

Usage Notes: See Data Preparation Document.

Categories: Clinical Tests: ECG

Values		N	%
0	No	798	0.7%
1	Yes	116,798	99.3%
		117,596	

Expected for visit (follow-up ECG)

The ECG was expected for this visit. ECGs were expected at screening (baseline) and at years 3, 6 and 9.

Variable #	8	
Sas Name:	ECGEXP	
Sas Label:	Expected for visit (follow-up ECG)	

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
0	No	2,813	2.4%
1	Yes	114,783	97.6%
		117,596	

WHI Baseline and Follow-Up Data

ECG - MI Novacode Serial Comparison

Data File: ecg_mi_nova_ct_pub   **File Date:** 09/21/2007   **Structure:** Multiple rows per participant **Population:** CT participants

Follow-up ECG MI novacode

Variable # 9

Sas Name: ECGFUNOVA

Sas Label: Follow-up ECG MI novacode

Usage Notes: none

Categories: Clinical Tests: ECG

Values		N	%
5.0	No significant Q waves and no significant ST-T abnormalities	76,084	64.7%
5.1	Q wave MI with major Q waves	318	0.3%
5.2	Q wave MI with moderate Q waves and with ST-T abnormalities	228	0.2%
5.3	Possible Q wave MI w/moderate Q waves w/o ST-T abnormalities	1,170	1.0%
5.4	Possible Q wave MI w/minor Q waves with ST-T abnormalities	1,011	0.9%
5.5	Profound ST-T abnormalities without Q waves	3,046	2.6%
5.6	Significant ST-T abnormalities without Q waves	2,108	1.8%
5.6.1	STD or TN score >= 20 in any lead group	0	0.0%
5.6.2	Q score < 15 in all lead groups	0	0.0%
5.7	Minor Q waves without ST-T abnormalities	12,805	10.9%
5.8	Minor ST-T abnormalities	20,826	17.7%
		117,596	

Incident novacode

Variable # 10

Sas Name: ECGINCDNTNOVA

Sas Label: Incident novacode

Usage Notes: Based on serial ECG comparison. Reference: Rautaharju, P, et al. The Novacode criteria for classification of ECG abnormalities and their clinically significant progression and regression. J Electrocardiol. 1998 Jul;31(3):157-187.

Categories: Clinical Tests: ECG

Values		N	%
5.0	No significant Q waves and no significant ST-T abnormalities	109,832	93.4%
5.1	Q wave MI with major Q waves	48	0.0%
5.2	Q wave MI with moderate Q waves and with ST-T abnormalities	82	0.1%
5.3	Possible Q wave MI w/moderate Q waves w/o ST-T abnormalities	328	0.3%
5.4	Possible Q wave MI w/minor Q waves with ST-T abnormalities	147	0.1%
5.5	Profound ST-T abnormalities without Q waves	600	0.5%
5.6	Significant ST-T abnormalities without Q waves	3	0.0%
5.6.1	STD or TN score >= 20 in any lead group	348	0.3%
5.6.2	Q score < 15 in all lead groups	1,981	1.7%
5.7	Minor Q waves without ST-T abnormalities	4,225	3.6%
5.8	Minor ST-T abnormalities	2	0.0%
		117,596	

WHI Baseline and Follow-Up Data

ECG - MI Novacode Serial Comparison

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Silent MI (evolving Q-wave; first occurrence)

First occurrence of an evolving Q-wave MI based on an incident Novacode of 5.1 or 5.2.

Variable # 11

Sas Name: ECGSILNTMI

Sas Label: Silent MI (evolving Q-wave; first occurrence)

Usage Notes: WHI-CCC does not count a silent MI occurring after a clinical MI.

Categories: Clinical Tests: ECG

Values		N	%
0	No	117,476	99.9%
1	Yes	120	0.1%
		117,596	

Possible silent MI (first occurrence)

First occurrence of a possible evolving Q-wave MI based on an incident Novacode of 5.3 or 5.4.

Variable # 12

Sas Name: ECGPOSMI

Sas Label: Possible silent MI (first occurrence)

Usage Notes: WHI-CCC does not count a silent MI occurring after a clinical MI.

Categories: Clinical Tests: ECG

Values		N	%
0	No	117,157	99.6%
1	Yes	439	0.4%
		117,596	